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November 16, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Application No. 10/606,772  
Filed: June 27, 2003  
Title: Nucleic Acid Sequences and Methods of Use for the  
Production of Plants with Modified Polyunsaturated Fatty  
Acids  
Applicant: Joanne J. FILLATTI  
Atty. Docket: 16518.070

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office (PTO):

1. an Information Disclosure Statement;
2. a Form PTO-1449 citing 71 references and supplying a copy of 52 references; and
3. a return postcard.

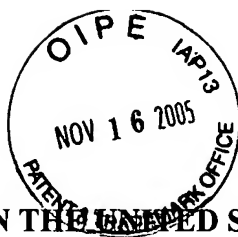
Please stamp the attached postcard with the filing date of these documents and return it to our courier.

Applicant does not believe any fees are due in conjunction with this filing. However, if any fees are required in the present application, including any fees for extensions of time, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter LLP Deposit Account No. 50-2387 referencing matter number 16518.070. A duplicate copy of this letter is enclosed.

Respectfully submitted,

David R. Marsh (Reg. Attorney No. 41,408)  
Kristan L. Lansbery (Reg. Agent No. 53,183)

Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joanne J. FILLATTI

Appln. No.: 10/606,772

Filed: June 27, 2003

For: Nucleic Acid Sequences and  
Methods of Use for the Production  
of Plants with Modified  
Polyunsaturated Fatty Acids

Art Unit: 1638

Examiner: Elizabeth McElwain

Confirmation No.: 6379

Atty. Docket: 16518.070

**Information Disclosure Statement**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The attention of the Examiner is invited to the references listed on the attached Form PTO-1449. Copies of the references are submitted herewith.


Copies of the U.S. patents and published applications listed on the attached Form PTO-1449 are not submitted herewith, in accordance with the Strategic Plan Final Rule, 69 Fed. Reg 56481-56547 (September 21, 2004), effective October 21, 2004.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

**Certification and/or Fee**

Because this Information Disclosure Statement is being submitted prior to issuance of the first action on the merits of the above-captioned application, no certification or fee is required.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Kristan Lansbery". The signature is fluid and cursive, with a long, sweeping tail on the last letter.

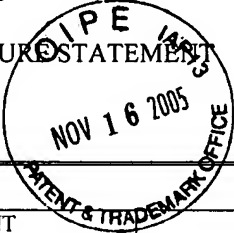
David R. Marsh (Reg. Atty. No. 41,408)

Kristan L. Lansbery (Reg. Agent No. 53,183)

Date: November 16, 2005

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PTO-1449 for INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO.		APPLICATION NO.	
				16518.070		10/606,772	
				APPLICANTS			
				Joanne J. FILLATTI			
				FILING DATE		GROUP	
				June 27, 2003		1638	



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	CA1	4,557,734	12/1985	Schwab et al.			
	CB1	5,454,842	10/1995	Poirier et al.			
	CC1	5,475,099	12/1995	Knauf et al.			
	CD1	5,627,061	05/1997	Barry et al.			
	CE1	5,633,435	05/1997	Barry et al.			
	CF1	5,714,670	02/1998	Fehr et al.			
	CG1	5,723,595	03/1998	Thompson et al.			
	CH1	5,723,761	03/1998	Voelker et al.			
	CI1	5,888,947	03/1999	Lambert et al.			
	CJ1	5,891,203	04/1999	Ball et al.			
	CK1	5,955,329	09/1999	Yuan et al.			
	CL1	5,955,650	09/1999	Hitz			
	CM1	6,013,114	01/2000	Hille et al.			
	CN1	6,331,664 B1	12/2001	Rubin-Wilson et al.			
	CO1	2003/0049835 A1	03/2003	Helliwell et al.			
	CP1	2003/0135882 A1	07/2003	Metzlaff et al.			
	CQ1	2004/0107460 A1	06/2004	Fillatti et al.			
	CR1	2004/0126845 A1	07/2004	Eenennaam et al.			
	CS1	2005/0034190 A9	02/2005	Fillatti et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	CT1	WO 94/10189 A1	05/1994	WIPO			Yes No
	CU1	WO 98/05770 A2	02/1998	WIPO			Abstract Yes No
	CV1	WO 98/46776 A2	10/1998	WIPO			Yes No
	CW1	WO 98/53083 A1	11/1998	WIPO			Yes No
	CX1	WO 99/15682 A2	04/1999	WIPO			Yes No
	CY1	WO 99/32619 A1	07/1999	WIPO			Yes No

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	CZ1	WO 99/49029 A1	09/1999	WIPO			Yes No
	CA2	WO 99/53050 A1	10/1999	WIPO			Yes No
	CB2	0 959 133 A1	11/1999	European Patent Office			Yes No
	CC2	WO 99/61631 A1	12/1999	WIPO			Yes No
	CD2	WO 99/64579A2	12/1999	WIPO			Yes No
	CE2	WO 00/07432 A1	02/2000	WIPO			Yes No
	CF2	WO 00/44895 A1	08/2000	WIPO			Abstract Yes No
	CG2	WO 00/44914 A1	08/2000	WIPO			Yes No
	CH2	WO 00/68374 A1	11/2000	WIPO			Yes No
	CI2	WO 01/34822 A2	05/2001	WIPO			Yes No
	CJ2	WO 01/35726 A1	05/2001	WIPO			Yes No
	CK2	WO 01/36598 A1	05/2001	WIPO			Yes No
	CL2	WO 01/70949 A1	09/2001	WIPO			Yes No
	CM2	WO 01/79499 A1	10/2001	WIPO			Yes No
	CN2	WO 02/04581 A1	01/2002	WIPO			Abstract Yes No
	CO2	WO 02/15675 A1	02/2002	WIPO			Yes No
	CP2	WO 03/080802 A2	10/2003	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	CQ2	Bouchon, p. <i>et al.</i> , "Oil Distribution in Fried Potatoes Monitored by Infrared Microspectroscopy", <i>Journal of Food Science</i> , 66(7):918-923 (2001)					
	CR2	Buhr, T. <i>et al.</i> , "Ribozyme Termination of RNA Transcripts Down-Regulate Seed Fatty Acid Genes in Transgenic Soybean", <i>The Plant Journal</i> , 30(2):155-163 (2002)					
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		APPLICANTS Joanne J. FILLATTI	
		FILING DATE June 27, 2003	GROUP 1638
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	CS2	Cogoni, C. <i>et al.</i> , "Post-Transcriptional Gene Silencing Across Kingdoms", <i>Curr. Opin. Gen. &amp; Devel.</i> , 10(6):638-643 (2000)	
	CT2	Crossway, A. <i>et al.</i> , "Integration of Foreign DNA Following Microinjection of Tobacco Mesophyll Protoplasts", <i>Mol. Gen. Genet.</i> , 202(2):179-185 (1986)	
	CU2	Dörmann, P. <i>et al.</i> , "Accumulation of Palmitate in Arabidopsis Mediated by the Acyl-Acyl Carrier Protein Thioesterase FATB1", <i>Plant Physiology</i> , 123:637-643 (2000)	
	CV2	Duffield, J. <i>et al.</i> , "U.S. Biodiesel Development: New Markets for Conventional and Genetically Modified Agricultural Products", <i>Economic Research Service USDA</i> , pp. 1-31 (1998)	
	CW2	Dunn, R. <i>et al.</i> , "Recent Advances in the Development of Alternative Diesel Fuel from Vegetable Oils and Animal Fats", <i>Recent Res. Devel. in Oil Chem.</i> , 1:31-56 (1997)	
	CX2	Erhan, S. <i>et al.</i> , "Lubricant Basestocks from Vegetable Oils", <i>Industrial Crops and Products</i> , 11:277-282 (2000)	
	CY2	Fire, A. <i>et al.</i> , "Potent and Specific Genetic Interference by Double-Stranded RNA in <i>Caenorhabditis elegans</i> ", <i>Nature</i> , 391:806-811 (1998)	
	CZ2	Halpin, C. <i>et al.</i> , "Enabling Technologies for Manipulating Multiple Genes on Complex Pathways", <i>Plant Molecular Biology</i> , 47:295-310 (2001)	
	CA3	Hamada, T. <i>et al.</i> , "Modification of Fatty Acid Composition by Over- and Antisense-Expression of a Microsomal $\omega$ -3 Fatty Acid Desaturase Gene in Transgenic Tobacco", <i>Transgenic Research</i> , 5(2), 115-121 (1996)	
	CB3	International Search Report dated November 13, 2003 in PCT/US03/08610	
	CC3	International Search Report dated July 12, 2005, issued in PCT/US04/31605	
	CD3	International Search Report dated April 9, 2004, issued in PCT/US03/19445	
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		OTHER (Including Author, Title, Date, Pertinent Pages, etc.)	
	CE3	Lee, Y., et al., "Antisense Expression of the CK2 $\alpha$ -Subunit Gene in Arabidopsis. Effects on Light-Regulated Gene Expression and Plant Growth", <i>Plant Physiology</i> , 119:989-1000 (1999)	
	CF3	Matzke, M.A. <i>et al.</i> , "RNA-Based Silencing Strategies in Plants", <i>Curr. Opin. Gen. &amp; Devel.</i> , 11(2):221-227 (2001)	
	CG3	Mensink, R. <i>et al.</i> , "Effect of Dietary Fatty Acids on Serum Lipids and Lipoproteins: A Meta-Analysis of 27 Trials", <i>Arteriosclerosis and Thrombosis</i> , 12(8):911-919 (1992)	
	CH3	Montgomery, M.K. <i>et al.</i> , "RNA as a Target of Double-Stranded RNA-Mediated Genetic Interference in <i>Caenorhabditis elegans</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , 95(96):15502-15507 (1998)	
	CI3	Napoli, C. <i>et al.</i> , "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes <i>in trans</i> ", <i>The Plant Cell</i> , 2:279-289 (1990)	
	CJ3	Neff, W.E. <i>et al.</i> , "Odor Significance of Undersirable Degradation Compounds in Heated Triolein and Trilinolein", <i>JAOCS</i> , 77(12):1303-1313 (2000)	
	CK3	Sharp, P.A., "RNAi and Double-Strand RNA", <i>Genes &amp; Development</i> , 13:139-141 (1999)	
	CL3	Sharp, P.A., "RNA Interference - 2001", <i>Genes &amp; Development</i> , 15:485-490 (2001)	
	CM3	Supplemental European Search Report in European Application No. 03711656.3 completed June 29, 2005	
	CN3	Timmons, J.S. <i>et al.</i> , "Relationships Among Dietary Roasted Soybeans, Milk Components, and Spontaneous Oxidized Flavor of Milk", <i>Journal of Dairy Science</i> , 84(11):2440-2449 (2001)	
	CO2	Toborek, M. <i>et al.</i> , "Unsaturated Fatty Acids Selectively Induce an Inflammatory Environment in Human Endothelial Cells", <i>American Journal of Clinical Nutrition</i> , 75:119-125 (2002)	
	CP2	van der Krol, A. R. <i>et al.</i> , "Flavonoid Genes in Petunia: Addition of a Limited Number of Gene Copies May Lead to a Suppression of Gene Expression", <i>The Plant Cell</i> , 2:291-299 (1990)	
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	CQ2	Warner, K. <i>et al.</i> , "Effect of Oleic and Linoleic Acids on the Production of Deep-Fried Odor in Heated Triolein and Trilinolein", <i>Journal of Agricultural Food Chemical</i> , 49:899-905 (2001)	
	CR2	Waterhouse, P.M. <i>et al.</i> , "Virus Resistance and Gene Silencing in Plants Can be Induced by Simultaneous Expression of Sense and Antisense RNA", <i>Proc. Natl. Acad. Sci. USA</i> , 95:13959-13964 (1998)	
	CS2	Wesley, S.V. <i>et al.</i> , "Construct Design for Efficient, Effective and High-Throughput Gene Silencing in Plants", <i>The Plant Journal</i> , 27(6):581-590 (2001)	
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